7th Grade Science

Wednesday Sept. 7th 2011

Unit: Cells

Objective / TEK:

LSM-PE.2.2.2 Construct an analogical model (analogy) of the interaction of the internal components of a cell (e.g., working parts of a city, factory, or automobile). Predict and justify, using the model, the impact on the cell or on the organism if one or the components fails to function properly.

differentiate between structure and function in plant and animal cell organelles, including cell membrane, cell wall, nucleus, cytoplasm, mitochondrion, chloroplast, and vacuole.[7.12D]

compare the functions of a cell to the functions of organisms such as waste removal.[7.12E]

Lesson: Students will…..

Bring supplies to work on their cell city

Students will construct their model

Students will finish the construction their model

Closure:

We will stress that if you have not completed your model that you will have to do so tonight. It is due tomorrow, and will not be worked on in class.

Go over specifics (if anyone wants to film their model and submit it along with the model we need to make sure it is emailed tonight.